

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Electronic Version v11

Stylesheet Version v10

**Title of
Invention**

FLOWMETER

As the below named inventors, we declare that:

This declaration is directed to the invention titled: " FLOWMETER"

We believe that we are the original and first inventors of the subject matter which is claimed and for which a patent is sought;

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

We acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTORS:

Inventor 1: Yasuhiro UMEKAGE	Inventor
Signature : /YU	Citizen of : JP
Inventor 2: Yukio NAGAOKA	Inventor
Signature : /YN	Citizen of : JP
Inventor 3: Osamu EGUCHI	Inventor
Signature : /OE	Citizen of : JP

Inventor 4: Shuji ABE	Inventor
Signature : /SA	Citizen of : JP
Inventor 5: Yuji NAKABAYASHI	Inventor
Signature : /YN	Citizen of : JP
Inventor 6: Kenzo OHJI	Inventor
Signature : /KO	Citizen of : JP
Inventor 7: Fumikazu SHIBA	Inventor
Signature : /FS	Citizen of : JP
Inventor 8: Akihisa ADACHI	Inventor
Signature : /AA	Citizen of : JP
Inventor 9: Masahiko HASHIMOTO	Inventor
Signature : /MH	Citizen of : JP
Inventor 10: Toshiharu SATO	Inventor
Signature : /TS	Citizen of : JP
Inventor 11: Yuji FUJII	Inventor
Signature : /YF	Citizen of : JP

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12/97)
Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	29288.4600
	First Named Inventor	Yasuhiro UMEKAGE
	COMPLETE IF KNOWN	
	Application Number	10/019,418
	Filing Date	December 21, 2001
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLOWMETER

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

06/23/2000

as United States Application Number or PCT International

Application Number PCT/JP00/04165 and was amended on (MM/DD/YYYY) 06/08/2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above:

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
11-177952	Japan	06/24/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11-182995	Japan	06/29/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2000-34677	Japan	02/14/2000	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11-106246	Japan	04/14/1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

☒ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12/97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION ---- Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transmit all business in the Patent and Trademark Office connected therewith: ☒ Customer Number 20322 ☐ OR ☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 20322 OR ☐ Correspondence address below

Name	Michael K. Kelly						
Address	SNELL & WILMER, LLP						
Address	One Arizona Center, 400 E. Van Buren Street						
City	Phoenix	State	AZ	ZIP	85004-2202		
Country	USA	Telephone	602-382-6291		Fax	602-382-6070	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Yasuhiro	UMEKAGE

Inventor's Signature	<i>Yasuhiro Umekage</i>	Date	12/18/01
----------------------	-------------------------	------	----------

Residence: City	Kurita-gun	State	Shiga	Country	Japan	Citizenship	Japan
-----------------	------------	-------	-------	---------	-------	-------------	-------

Post Office Address: 525, Ryosenji, Rittocho, Kurita-gun, Shiga Japan

Post Office Address							
City	Kurita-gun	State	Shiga	ZIP	520-3035	Country	Japan

☒ Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>4</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Yukio		NAGAOKA	
Inventor's Signature <i>Yukio Nagaoka</i>		Date <i>12/18/01</i>	
Residence: City Soraku-gun	State Kyoto	Country Japan	Citizenship Japan
Mailing Address 5-20-25, Saganakada1, Kizucho, Soraku-gun, Kyoto Japan			
Mailing Address			
City Soraku-gun	State Kyoto	ZIP 619-0223	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Osamu		EGUCHI	
Inventor's Signature <i>Osamu Eguchi</i>		Date <i>12/18/01</i>	
Residence: City Kitakatsuragi-gun	State Nara	Country Japan	Citizenship Japan
Mailing Address 2-5-6, Kumigaoka, Kawaicho, Kitakatsuragi-gun,			
Mailing Address Nara Japan			
City Kitakatsuragi-gun	State Nara	ZIP 636-0063	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Shuji		ABE	
Inventor's Signature <i>Shuji Ake</i>		Date <i>12/18/01</i>	
Residence: City Nara	State Nara	Country Japan	Citizenship Japan
Mailing Address 21-37-201, Tezukayama 2-chome, Nara-shi, Nara Japan			
Mailing Address			
City Nara	State Nara	ZIP 631-0062	Country Japan

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>4</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Yuji		NAKABAYASHI	
Inventor's Signature <i>Yuji Nakabayashi</i>		Date <i>12/18/01</i>	
Residence: City Nara	State Nara	Country Japan	Citizenship Japan
Mailing Address A-222, 1-4, Horai, Nara-shi, Nara Japan			
Mailing Address			
City Nara	State Nara	ZIP 631-0845	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Kenzo		OHJI	
Inventor's Signature <i>Kenzo Ohji</i>		Date <i>12/18/01</i>	
Residence: City Ikoma	State Nara	Country Japan	Citizenship Japan
Mailing Address 1-680-72, Satsukidai, Ikoma-shi, Nara Japan			
Mailing Address			
City Ikoma	State Nara	ZIP 630-0221	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Fumikazu		SHIBA	
Inventor's Signature <i>Fumikazu Shiba</i>		Date <i>12/18/01</i>	
Residence: City Nara	State Nara	Country Japan	Citizenship Japan
Mailing Address 2-3-7-204, Omiyacho, Nara-shi, Nara Japan			
Mailing Address			
City Nara	State Nara	ZIP 630-8115	Country Japan

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>4</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Akihisa		ADACHI	
Inventor's Signature <i>Akihisa Adachi</i>		Date <i>12/19/01</i>	
Residence: City	Kawasaki	State	Kanagawa
		Country	Japan
Mailing Address <i>5-40-1-306, Kamiasao, Asao-ku, Kawasaki-shi,</i>			
Mailing Address <i>Kanagawa Japan</i>			
City	Kawasaki	State	Kanagawa
		ZIP	215-0021
		Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Masahiko		HASHIMOTO	
Inventor's Signature <i>Masahiko Hashimoto</i>		Date <i>12/20/01</i>	
Residence: City	Ota-ku	State	Tokyo
		Country	Japan
Mailing Address <i>2-3-16-311, Ishikawacho, Ota-ku, Tokyo Japan</i>			
Mailing Address			
City	Ota-ku	State	Tokyo
		ZIP	145-0016
		Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Toshiharu		SATO	
Inventor's Signature <i>Toshiharu Sato</i>		Date <i>12/25/01</i>	
Residence: City	Kawasaki	State	Kanagawa
		Country	Japan
Mailing Address <i>4-8-7-203, Minamiikuta, Tama-ku, Kawasaki-shi,</i>			
Mailing Address <i>Kanagawa Japan</i>			
City	Kawasaki	State	Kanagawa
		ZIP	214-0036
		Country	Japan

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>4</u> of <u>4</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Yuji		FUJII	
Inventor's Signature <i>Yuji Fujii</i>		Date <i>12/19/01</i>	
Residence: City Ikoma	State Nara	Country Japan	Citizenship Japan
Mailing Address 879-14, Tsujimachi, Ikoma-shi, Nara Japan			
Mailing Address			
City Ikoma	State Nara	ZIP 630-0212	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.